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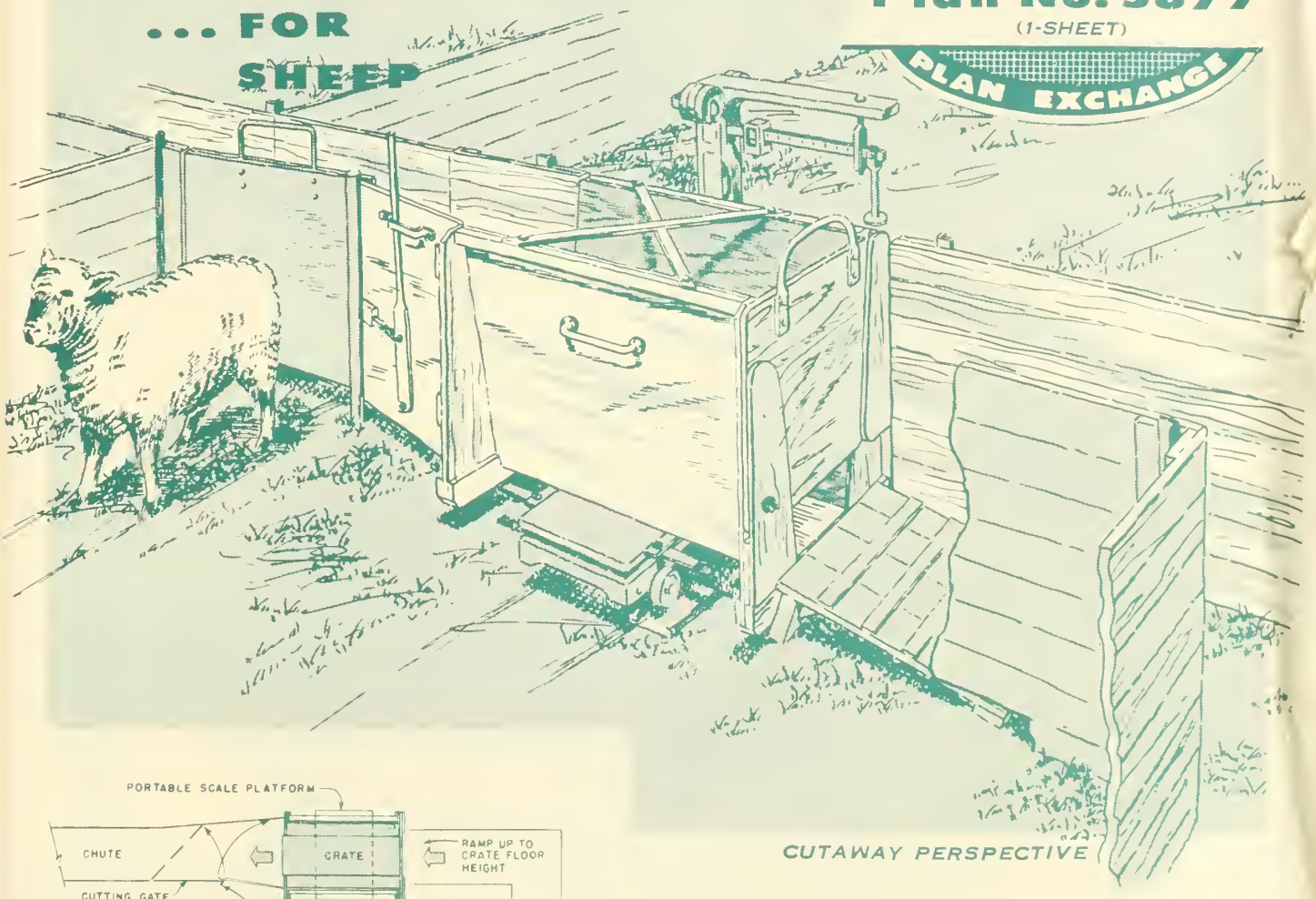
Weighing Crate ... FOR SHEEP

COOPERATIVE FARM BUILDING

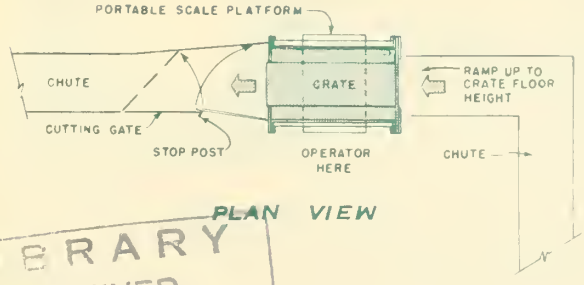
Plan No. 5877

(1-SHEET)

PLAN EXCHANGE



CUTAWAY PERSPECTIVE



PLAN VIEW

LIBRARY
RECEIVED
OCT 10 1961
DEPARTMENT OF AGRICULTURE
BELTSVILLE BRANCH

This light-weight crate clamps to a portable scale for use in checking performance of lambs being fattened. Performance testing is a valuable guide in the selection and production of better breeding stock. The crate may also be used for small shipments of sheep, or for sorting out the lambs heavy enough for shipment.

The entrance gate rotates in a vertical plane so the sheep will not move back in fright when it is opened. The entrance and exit gates are arranged so one man can operate both gates.

Sheep use the crate more readily if the entrance to the crate is angled to hide the gate, and if a ramp is placed next to the crate so the sheep do not have to step upward to climb into the weighing crate.

HOW TO OBTAIN WORKING DRAWINGS

Complete working drawings may be obtained through your county agent or from the Extension agricultural engineer at most State agricultural colleges. There is usually a small charge.

ORDER PLAN NO. 5877—WEIGHING CRATE FOR SHEEP

If working drawings of this plan are not available in your State, write to the U.S. Department of Agriculture, Agricultural Engineering Research Division, Plant Industry Station, Beltsville, Md. The U.S. Department of Agriculture does not distribute drawings, but will direct you to a State that does distribute them.

WASHINGTON, D.C. ISSUED SEPTEMBER 1961

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For sale by the Superintendent of Documents, U.S. Government Printing Office Washington 25 D.C. — Price 5 cents

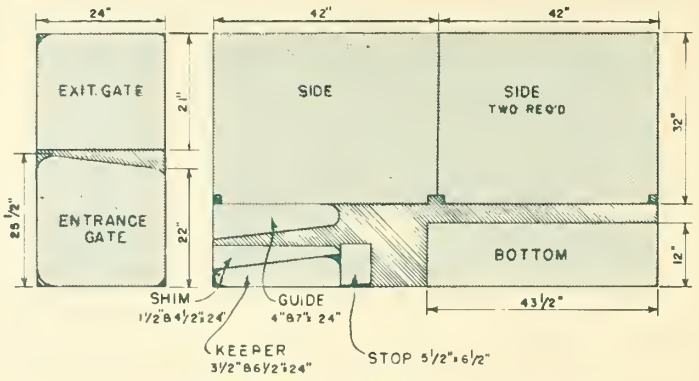
construction details

LIST OF MATERIALS

ITEM	SIZE	QUANTITY
LEDGERS & WALES	2" x 4" x 7'-0"	1 PC.
END FRAMES	1" x 12" x 6'-0"	1 "
"	1" x 4" x 10'-0"	1 "
PLYWOOD PARTS*	1/2" 4'-0" x 7'-0"	1 PANEL
	1/2" 2'-0" x 4'-0"	1 "

HARDWARE:

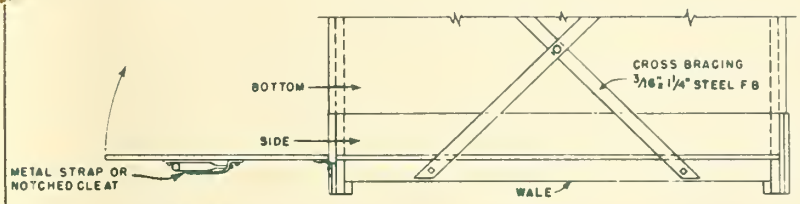
GATE HANDLES	3/4" METAL TUBING	4'-6"
HINGES	SPRING TYPE	2
LATCH	" "	1
CARRYING HANDLES	5"	2
CROSS BRACING	3/16" x 1 1/4" F B	6'-0"
CLAMPS	" " "	3'-0"
"	1/4" 2" "	4'-0"



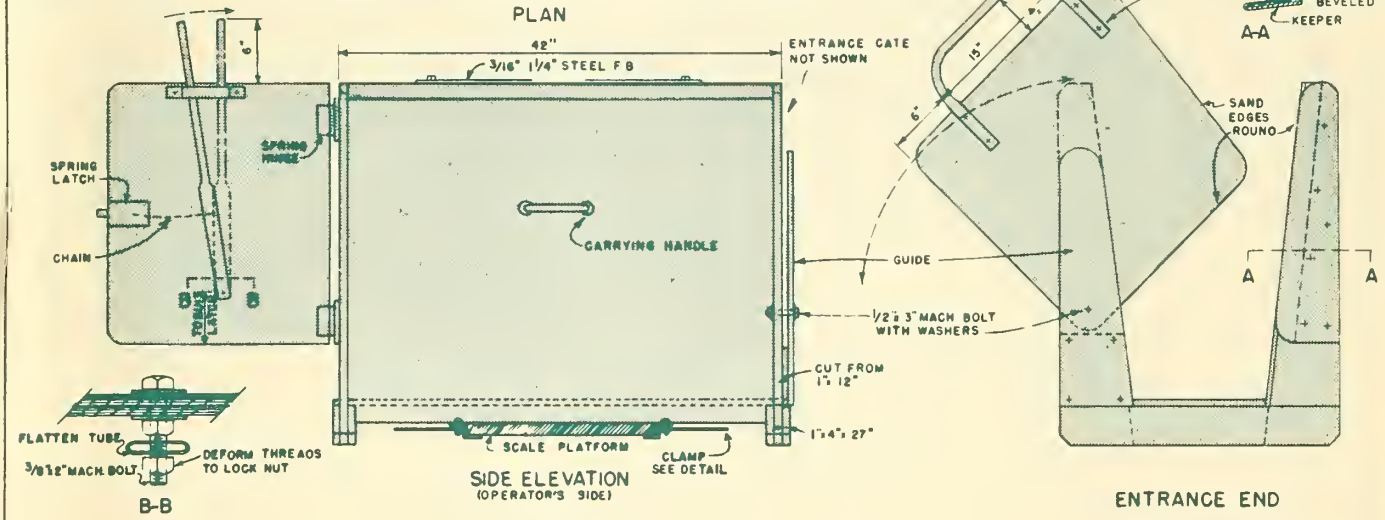
ENTRANCE GATE FITTINGS

CUTTING DIAGRAM FOR PLYWOOD

* 1/2" EXTERIOR GRADE
CUT HINGE & LATCH BLOCKS FROM WASTE

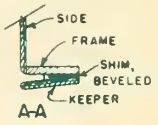


PLAN



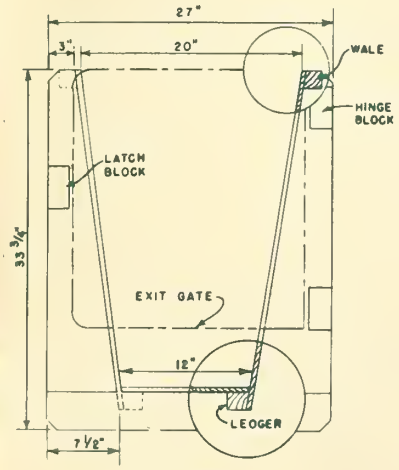
SIDE ELEVATION
(OPERATOR'S SIDE)

B-B

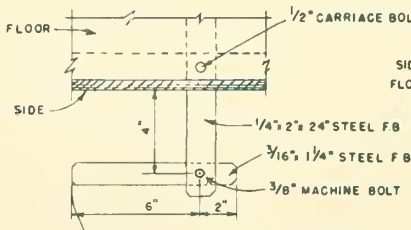


A-A

ENTRANCE END

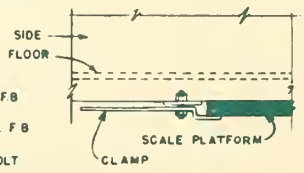


EXIT END



PLAN

DETAIL OF CLAMP
(4 REQUIRED)



ELEV.

LEDGERS & WALES
RIP FROM DRESSED 2" 4"

Plan No. 5877

GENERAL NOTES

ASSEMBLE CRATE WITH SCREWS AND BOLTS. USE RUSTPROOF FASTENINGS AND OTHER METAL PARTS WHERE POSSIBLE

ALL WOODEN PARTS SHOULD BE THOROUGHLY BRUSH-COATED WITH COPPER NAPTHENATE AFTER CUTTING

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